

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/784318	US-PGPUB; USPAT	OR	ON	2006/11/16 09:15
S2	39	((SHIN-ICHI) near2 (YAMADA)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/16 09:21
S3	21	((YUUICHI) near2 (KUZE)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/16 09:16
S4	131	((KATSUYA) near2 (WATANABE)). INV.	US-PGPUB; USPAT	OR	ON	2006/11/16 09:16
S5	73	((KENJI) near2 (KONDO)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/16 09:16
S6	37	((AKIRA) near2 (YOSHIKAWA)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/16 09:16
S7	256	S2 or S3 or S4 or S5 or S6	US-PGPUB; USPAT	OR	ON	2006/11/16 09:17
S8	105	S7 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/16 09:18
S9	4223	((tracking near2 error near2 signal) or "TES") near2 generat\$5	US-PGPUB; USPAT	OR	ON	2006/11/16 09:22
S10	2950	S9 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/16 09:22
S11	427	((tracking near2 error near2 signal) or "TES") near2 generation	US-PGPUB; USPAT	OR	ON	2006/11/16 09:22
S12	319	S11 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/16 09:23
S13	44463	("push-pull" or (push adj pull) or (push near2 pull))	US-PGPUB; USPAT	OR	ON	2006/11/16 09:23
S14	1208	S13 and S9	US-PGPUB; USPAT	OR	ON	2006/11/16 09:24
S15	1144	S14 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/16 09:24
S16	159	S13 and S11	US-PGPUB; USPAT	OR	ON	2006/11/16 09:24
S17	156	S16 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/29 15:34
S18	33	"4775968"	US-PGPUB; USPAT	OR	ON	2006/11/29 14:13
S19	1353	369/44.37	US-PGPUB; USPAT	OR	ON	2006/11/29 15:49
S20	428	((tracking near2 error near2 signal) or "TES") near2 generation	US-PGPUB; USPAT	OR	ON	2006/11/29 15:52
S21	44607	("push-pull" or (push adj pull) or (push near2 pull))	US-PGPUB; USPAT	OR	ON	2006/11/29 15:34
S22	160	S21 and S20	US-PGPUB; USPAT	OR	ON	2006/11/29 15:34

## EAST Search History

S23	156	S22 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/29 15:34
S24	35	S23 and S19	US-PGPUB; USPAT	OR	ON	2006/11/29 15:35
S25	422	S21 and S19	US-PGPUB; USPAT	OR	ON	2006/11/29 15:52
S26	15843	tracking near2 error	US-PGPUB; USPAT	OR	ON	2006/11/29 15:52
S27	2225	S26 same S21	US-PGPUB; USPAT	OR	ON	2006/11/29 15:52
S28	1982	S26 with S21	US-PGPUB; USPAT	OR	ON	2006/11/29 15:56
S29	283	S28 and S19	US-PGPUB; USPAT	OR	ON	2006/11/29 15:56
S30	84	(S26 with S21) same displac\$6	US-PGPUB; USPAT	OR	ON	2006/11/29 15:53
S31	5174	(sub near2 beam) or (sub adj beam)	US-PGPUB; USPAT	OR	ON	2006/11/29 15:56
S32	102	S26 with S21 with S31	US-PGPUB; USPAT	OR	ON	2006/11/29 15:56
S33	28	S32 and S19	US-PGPUB; USPAT	OR	ON	2006/11/29 16:03
S34	74	S32 not S33	US-PGPUB; USPAT	OR	ON	2006/11/29 16:03
S35	66	S34 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/29 16:03
S36	33	"4775968"	US-PGPUB; USPAT	OR	ON	2006/12/08 08:29
S37	28	("4775968").URPN.	USPAT	OR	ON	2006/12/08 08:37

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20987	(track\$4 near2 error near2 signal) or (track\$4 near2 error)	US-PGPUB; USPAT	OR	ON	2006/11/30 15:18
S2	44658	"push-pull" or (push near2 pull) or (push adj pull)	US-PGPUB; USPAT	OR	ON	2006/11/30 11:15
S3	2145	S1 with S2	US-PGPUB; USPAT	OR	ON	2006/11/30 11:16
S4	983	differential near2 S2	US-PGPUB; USPAT	OR	ON	2006/11/30 11:15
S5	408	S1 with S4	US-PGPUB; USPAT	OR	ON	2006/11/30 11:38
S6	372	S5 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/30 11:40
S7	14750	(main near2 beam) or (main adj beam) or "main-beam"	US-PGPUB; USPAT	OR	ON	2006/11/30 11:41
S8	39225	((side or sub) near2 beam) or ((side or sub) adj beam) or "side-beam" or "sub-beam"	US-PGPUB; USPAT	OR	ON	2006/11/30 11:42
S9	96	(S7 near2 S2) or (S7 adj S2)	US-PGPUB; USPAT	OR	ON	2006/11/30 11:42
S10	84	(S8 near2 S2) or (S8 adj S2)	US-PGPUB; USPAT	OR	ON	2006/11/30 11:42
S11	57	S9 and S10	US-PGPUB; USPAT	OR	ON	2006/11/30 11:42
S12	56	S9 and S10 and S1	US-PGPUB; USPAT	OR	ON	2006/11/30 11:43
S13	1	"6396780"	US-PGPUB; USPAT	OR	ON	2006/11/30 14:39
S14	15	("20020060958" "20020060961" "20020131348" "5239529" "5363358" "5796688" "5808984" "5828634" "5881032" "6128259" "6147951" "6400664" "6738325" "6819638" "6980495").PN.	US-PGPUB; USPAT	OR	ON	2006/11/30 14:39
S15	1	("5105409").PN. OR ("6738325").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 15:05
S16	0	("2003/0048708").URPN.	USPAT	OR	ON	2006/11/30 15:09
S17	31	"4775968"	USPAT	OR	ON	2006/11/30 15:09
S18	880750	"LPF" or (low near2 pass near2 filter) or (low adj pass adj filter) or filter	US-PGPUB; USPAT	OR	ON	2006/11/30 15:19
S19	20987	(track\$4 near2 error near2 signal) or (track\$4 near2 error)	US-PGPUB; USPAT	OR	ON	2006/11/30 15:19
S20	1370	S19 with S18	US-PGPUB; USPAT	OR	ON	2006/11/30 15:19
S21	14750	(main near2 beam) or (main adj beam) or "main-beam"	US-PGPUB; USPAT	OR	ON	2006/11/30 15:20

## EAST Search History

S22	39225	((side or sub) near2 beam) or ((side or sub) adj beam) or "side-beam" or "sub-beam"	US-PGPUB; USPAT	OR	ON	2006/11/30 15:20
S23	89	S20 and S21 and S22	US-PGPUB; USPAT	OR	ON	2006/11/30 15:20
S24	44658	"push-pull" or (push near2 pull) or (push adj pull)	US-PGPUB; USPAT	OR	ON	2006/11/30 15:20
S25	54	S20 and S21 and S22 and S24	US-PGPUB; USPAT	OR	ON	2006/11/30 15:42
S26	16355	displacement near2 detect\$5	US-PGPUB; USPAT	OR	ON	2006/11/30 15:27
S27	57	S26 with S19	US-PGPUB; USPAT	OR	ON	2006/11/30 15:27
S28	17	correct\$4 with S21 with S24	US-PGPUB; USPAT	OR	ON	2006/11/30 15:46
S29	3	correct\$4 near10 (S21 near2 S24)	US-PGPUB; USPAT	OR	ON	2006/11/30 15:46
S30	8	correct\$4 same (S21 near2 S24)	US-PGPUB; USPAT	OR	ON	2006/11/30 16:16
S31	568	correct\$4 with S21	US-PGPUB; USPAT	OR	ON	2006/11/30 16:17
S32	210	displacement with S21	US-PGPUB; USPAT	OR	ON	2006/11/30 16:17
S33	4	displacement with S21 with S24	US-PGPUB; USPAT	OR	ON	2006/12/04 14:58
S36	882745	"LPF" or (low near2 pass near2 filter) or (low adj pass adj filter) or filter	US-PGPUB; USPAT	OR	ON	2006/12/08 10:58
S37	21025	(track\$4 near2 error near2 signal) or (track\$4 near2 error)	US-PGPUB; USPAT	OR	ON	2006/12/08 10:58
S38	1372	S37 with S36	US-PGPUB; USPAT	OR	ON	2006/12/08 10:58
S39	44731	"push-pull" or (push near2 pull) or (push adj pull)	US-PGPUB; USPAT	OR	ON	2006/12/08 10:58
S40	49	S37 with S36 with S39	US-PGPUB; USPAT	OR	ON	2006/12/08 10:58